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OVERCHARGE PROTECTION OF NONAQUEOUS RECHARGEABLE  
LITHIUM BATTERIES BY CYANO-SUBSTITUTED THIOPHENES  
AS ELECTROLYTE ADDITIVES

ABSTRACT OF THE DISCLOSURE

The invention relates to the use of cyano-substituted thiophenes as electrolyte additives for protecting nonaqueous, rechargeable lithium batteries from overcharging, and lithium batteries comprising these additives.